

**Claims**

1. Device for thermally shrinking and expanding tools and other machine parts in a holder, characterized by a sleeve inserted in the bore of the holder.
2. Device according to claim 1, characterized in that the sleeve is made of a material with a low thermal conductivity.
3. Device according to claim 1, characterized in that the sleeve is made of ceramic.
4. Device according to claim 1, characterized in that the sleeve takes the form of an interchangeable reducing sleeve.
5. Device according to claim 1, characterized in that the sleeve is firmly fixed to the holder.